

MR Form 4
(Revised 1982)

File No.
Date:

DOE/017/019
7-9-84

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES AND ENERGY
DIVISION OF OIL, GAS AND MINING
4241 State Office Building
Salt Lake City, Utah 84114

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DECLARATION OF EXEMPTION

(See Mined Land Reclamation Act 40-8-4[6].)

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JUL 13 1984

As provided for in Section 40-8-4, UCA 1953, I hereby declare an exemption from the "Utah Mined Land Reclamation Act," in that less than 500 tons of material is being mined or less than two (2) acres of land is being excavated or used as a disposal site during a period of twelve (12) consecutive months, from the following designated claims, leases or fee acreage.

NAME OF CLAIM, LEASE OR FEE ACREAGE	LOCATION			
	1/4, 1/4 SECTION	TOWNSHIP	RANGE	COUNTY
LEASE # ML 29226	ALL Sec 32	34S	7E	GARFIELD

Commodity: TAR SAND

Date: July 9, 1984

Signature:

[Handwritten Signature]

OPERATOR: W.C. KIRKWOOD Oil and Gas

ADDRESS: P.O. DRAWER 3439 CASPER, WYOMING 82602

TELEPHONE: (307) 265-5178

*This form needs to be filed one time only. In the event more than the minimum size requirements are to be mined, a Notice of Intention to Commence Mining Operations and Mining and Reclamation Plan (MR Form 1) will need to be filed with this office, at least 90 days prior to the anticipated expansion.

DESCRIPTION OF PLANNED OPERATIONS

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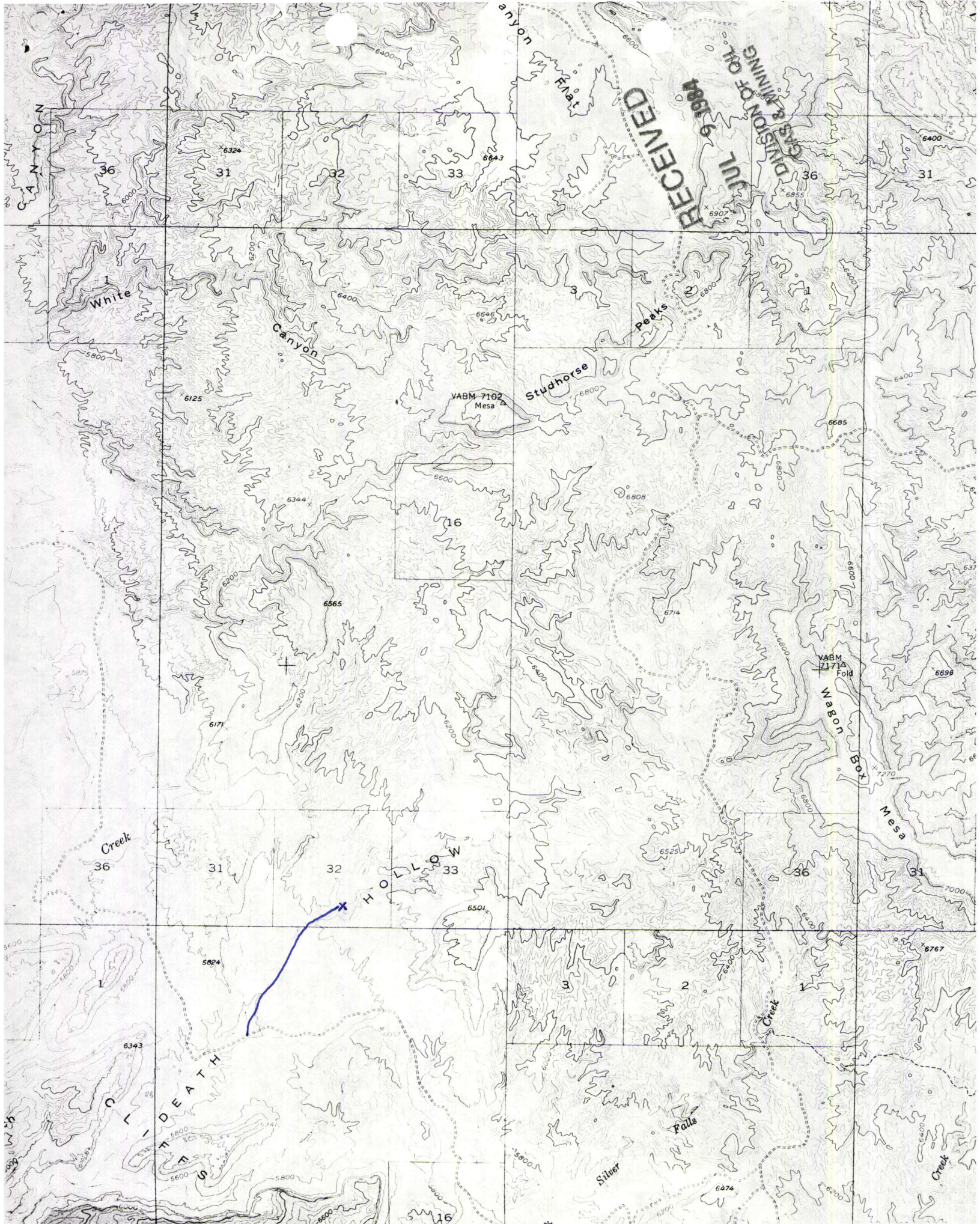
PURPOSE: The purpose of these operations is to acquire approximately 1 to 2 thousand pounds of tar sand material from an outcrop of tar sand in Section 32, Township 34 South, Range 7 East. This material will be used for experiments, on removal of the tar from the tar sands, to be conducted by a graduate student at the University of Utah, Department of Fuels Engineering. The students work will be under the direction of Francis V. Hanson - Director, Laboratory of Coal Science, Synthetic Fuels and Catalysis at the University.

SCOPE: Under the supervision of Robert C. Montgomery, an employee of the operator William C. Kirkwood Oil and Gas, accompanied by Francis V. Hanson and students, our intent is to proceed to the above mentioned section leased by William C. Kirkwood, Lease number ML-29226. We will access the section using a single four wheel drive pickup truck staying on existing roads and trails with no new construction or disturbance with the possible exception of access to the chosen outcrop from an existing road or trail. Care will be taken to minimize this disturbance and an attempt will be made to obliterate any tracks left as the result of travel off of existing roads or trails.

Upon choosing a suitable outcrop the weathered surface of the tar sand will be removed and set aside using hand tools and small amounts of explosives. The underlying unweathered tar sands will then be broken up and removed again using hand tools and small amounts of explosives. The removed material will be loaded in the pickup. This will amount to approximately 15 cubic feet of material. The weathered material will then be placed back into the resulting depression. The total area of disturbance should only amount to an area of 5 feet by 5 feet and 2 feet in depth. The weathered material should backfill approximately 1 foot of the depression.

After operations, the area will be cleaned and an attempt will be made to minimize the visual impact of the operations. During operations, no trees, plant life, or wildlife will be intentionally disturbed. Efforts will be made to minimize any environmental impacts and to reclaim the affected area to original condition if possible.

FOLLOW UP: After operations, a detailed report of the operations, including an exact location and pictures of the disturbance will be submitted by the operator to the State of Utah.



Approximate Access and Location